

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A dispenser comprising:  
a casing having an interior portion formed by a casing wall;  
~~an inlet and an outlet;~~ and  
a dispenser carousel disposed in the interior portion of the casing having a cone shaped portion and a flange portion extending about the cone shaped portion and the dispenser including a blade proximate to and spaced from the flange portion and interposed in a flow path between the inlet and the outlet and the dispenser carousel and the dispenser carousel being rotatably by a motor assembly coupled to the dispenser carousel and operable to rotate the dispenser carousel about a rotation axis to feed~~dispense~~ material ~~along the flow path between the inlet and the outlet and having a cone shaped portion having a length extending along the rotation axis and a radially expanding diameter.~~
2. (Original) The dispenser of claim 1 wherein the casing is cylindrically shaped.
3. (Original) The dispenser of claim 1 wherein the cone shaped portion of the dispenser carousel includes a plurality of longitudinally extending ribs to promote material flow.
4. (Currently Amended) The dispenser of claim 1 wherein the dispenser includes a plurality of blades ~~interfacing with the dispenser carousel~~proximate to and spaced from the flange portion to discharge material.
5. (Currently Amended) The dispenser of claim ~~14~~ wherein the ~~dispenser carousel includes a base flange extending outwardly~~

~~from the cone shaped portion and the dispenser including a plurality of blades supported to interface with the base flange to discharge material~~includes a first blade and a second blade spaced 180° degrees from the first blade.

6. (Currently Amended) The dispenser of claim 54 wherein the plurality of blades are integrally formed on an inner surface of the casing.

7. (Cancelled)

8. (Currently Amended) . The dispenser of claim 71 wherein the ~~plurality of blades~~blade ~~includes~~ an angled interfacing surfaces relative to a rotation direction of the ~~to discharge the material from the base flange of the rotating dispenser carousel.~~

9. (Currently Amended) The A dispenser of ~~claim 1~~ wherein comprising:

a the casing having an inlet and an outlet and includesing a flanged platform proximate to the inlet to removably support a material container proximate to an inlet of the dispenser; and  
a rotatable dispenser carousel disposed in an interior cavity of the casing between the inlet and the outlet.

10. (Currently Amended) The dispenser of claim 19 ~~where the casing includes a flanged platform and further comprising a container having an opened flanged ends~~supported on the flange platform and a slide closure slideable between the flanged platform of the casing and the opened flanged end of the container to open and close the container.

11.(Currently Amended) The dispenser of claim 10 wherein the container includes a closed end spaced from ~~the~~an opened flanged end and the container tapers outwardly from the closed end to the opened flanged end.

12.(Original) The dispenser of claim 1 wherein the dispenser carousel includes a hollow interior portion including a motor socket and a shaft of the motor assembly is insertable therein to rotate the dispenser carousel about the rotation axis.

13.(Original) The dispenser of claim 1 wherein the casing is supported in a refrigerated cabinet and the dispenser carousel and the motor assembly are disposed therein.

14.(Original) The dispenser of claim 1 wherein the casing includes a flanged platform and the dispenser includes a cabinet and the flanged platform of the casing is slidably mounted on brackets in the cabinet.

15.(Currently Amended) The dispenser of claim 1 wherein the dispenser ~~outlet~~ includes a tapered discharge cone.

16.(Original) A dispenser comprising:

- a casing having an interior portion formed by a casing wall;
- an inlet and an outlet;
- a dispenser carousel disposed in the interior portion of the casing and interposed in a flow path between the inlet and the outlet;
- a motor assembly operable to rotate the dispenser carousel in a clockwise and a counterclockwise direction; and
- a dispense controller programmed to operate the motor

assembly in response to a dispense command and the controller is programmed to intermittently operate the motor assembly in the clockwise direction and the counterclockwise direction in response to sequential dispense commands.

17.(Original) The dispenser of claim 16 wherein the dispense controller operates the motor assembly to dispense a metered quantity of material.

18.(Cancelled)

19.(Original) The dispenser of claim 17 and further comprising a user interface having a plurality of control inputs corresponding to a plurality of metered dispense quantities.

20.(Original) The dispenser of claim 17 including user programmable dispense parameters.

21.(Original) The dispenser of claim 16 wherein the dispenser carousel includes a plurality of spaced ribs to promote material flow.

22.(Cancelled)

23. (Currently Amended) A method for dispensing material comprising steps of:

rotating a dispenser carousel in a first direction for a first period in response to a first dispensing command to dispense material during a first dispense cycle; and rotating the dispenser carousel in a second direction for a second period in response to a second dispensing

command to dispense material during a second dispense cycle.

24. (Currently Amended) The method of claim 23 and comprising steps of:

loading a material container on a platform having a cover separating a content of the container from an inlet to the dispenser carousel; and  
slidably removing at the cover of the container so that the content of the container is opened to the inlet to the dispenser carousel prior to rotating the dispenser carousel to dispense material from the container.

25. (Currently Amended) The method of claim 24 wherein the step of loading the container comprises:

sliding a flanged end of the container through a slot on the platform of a casing of a dispenser having the dispensing carousel rotatable therein and aligning raised edges of the flanged end to abut raised edge portions of the platform of the dispenser.

26. (Currently Amended) A method for dispensing material comprising steps of:

slidably loading a container on a platform of a dispenser apparatus having raised edge portions so that a covered opening of the container is proximate to an inlet to a dispenser carousel;  
slidably removing a cover of the container so that a content of the container is opened to the inlet to the dispenser carousel of the dispenser apparatus; and

rotating at the dispenser carousel of the dispenser apparatus to dispense material.

27. (Currently Amended) The method of claim 26 and further comprising the steps of:

sliding the cover to close the container from the inlet to the dispenser carousel; and  
unloading the container having the cover closing the container from the platform.

28-33. (Cancelled)

34. (New) The dispenser of claim 1 wherein the casing includes a body portion and an enlarged collar portion having a transversely extending portion and the dispenser carousel is disposed in the body portion of the casing and the flange portion is positioned proximate to the enlarged collar portion to form a passage between a transversely extending flange surface and the enlarged collar portion of the casing to dispense material.

35. (New) The dispenser of claim 1 wherein the flange portion and blade form opposed laterally disposed surfaces for dispensing material.

36. (New) A dispenser comprising:

a rotatable dispenser carousel disposed in an interior cavity of a casing and the dispenser carousel including a cone shaped portion and a flange portion extending outwardly from the cone shaped portion; and  
a plurality of blades proximate to and spaced from the flange portion to dispense material.

37.(New) The dispenser of claim 36 wherein the plurality of blades includes a first blade and a second blade spaced 180° degrees from the first blade.

38.(New) The dispenser of claim 36 wherein the plurality of blades include a transverse surface spaced from a transverse surface of the flange portion.

39.(New) The dispenser of claim 36 wherein the plurality of blades are coupled to and extend from the casing.

40.(New) A dispenser comprising:  
a rotatable dispenser carousel including a cone shaped portion including a plurality of ribs; and  
a casing having an interior cavity and at least one longitudinal rib in the interior cavity of the casing and the dispenser carousel being disposed in the interior cavity of the casing.

41.(New) The dispenser of claim 1 wherein the dispenser includes multiple rotation directions and the blade includes opposed angled surfaces relative to the multiple rotation directions.